01997.2

Connections to make for managing the By-me system with the application for Microsoft Media Center ®.

To manage the By-me system with the application for Media Center, it is necessary to make some connections that allow the computer with the software installed to interpret and/or send data messages from/to the systems for which it represents the centralisation point (thus allowing control of the automation, intrusion detection and video entry systems from a single point such as the television or the monitor of the computer itself).
The connections are made by means of auxiliary devices and vary depending upon the systems that the Media Center application must manage; in particular:

• By-me automation and intrusion detection system
The auxiliary devices needed to connect the system to the Media Center computer are as follows:
- Special RJ11 jack for BUS (Eikon 20329, Idea 16339, Plana 14329).
- 01847 interface to connect the BUS from the special RJ11 socket to a USB port on the computer (the product comes supplied with Art. 01997.2).

• Sound System and DigiBus video door entry systems.
The auxiliary devices needed to connect the system to the Media Center computer are as follows:
- Elvox video distributor Art. 6554.
- Coaxial socket for type F female connector (Eikon 20318, Idea 16331, Plana 14318) for the transmission of video signals.
- Type F-RCA cable for connection between Media Center computer (a type F coaxial connector can be used for the wiring - Art. 01654).

Note: The Elvox distributor is necessary to branch off the video signal taking it to the F-type coaxial socket outlet.

Important: If the Vimar application for Media Center is used, the Sound System and DigiBus systems enable only video signals and not audio signals to be managed.

DONNECTION DEVICES

Interface to connect the BUS from the special RJ11 socket to a USB port on the computer.

This device is used for reading and writing data over the bus of the By-me system. The interface should be connected to a computer installed with the application for running the By-me Media Center system (supplied) and to the special socket for the Bus (Eikon 20329, Idea 16339, Plana 14329).

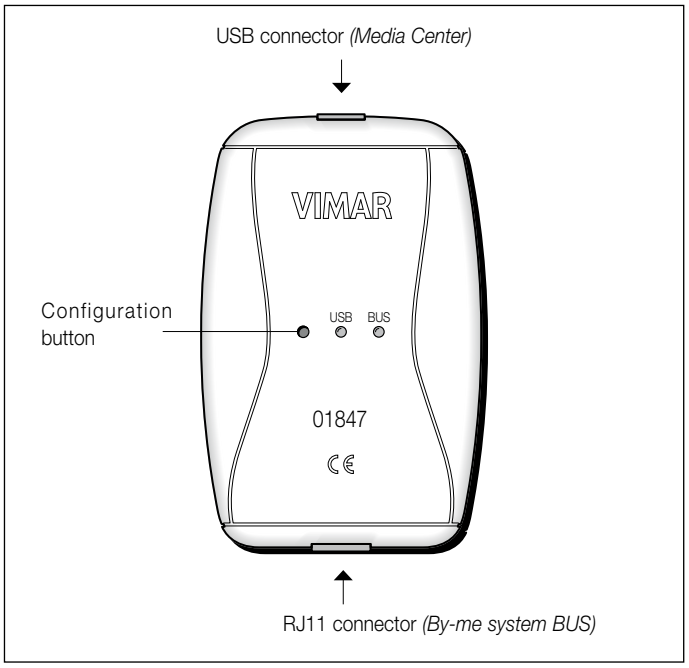
CHARACTERISTICS
- Power supply directly from PC via USB (5 V DC)
- USB cable with type-A connector for PC connection, 1.8 metres long (supplied)
- Customized and polarized cable with RJ11 connector for special socket connector, 2 metres long (supplied)
- HID (Human interface device) class
- Operating temperature: +5°C -- +40°C
- Dimensions 115x75x25 mm.

OPERATION
Connect the interface according to the procedure illustrated in the figures alongside. The device is configured within the system (by assigning an address) via the control panel and by pressing the configuration button.
The LEDs on the front of the device have the following meanings:
• The USB light comes on when the interface is connected to the computer via the USB cable
• The BUS light comes on when the interface is connected to the Bus via the RJ11 cable and the special socket.

INSTALLATION RULES
Installation should be carried out in compliance with the current regulations regarding the installation of electrical systems in the country where the products are installed.

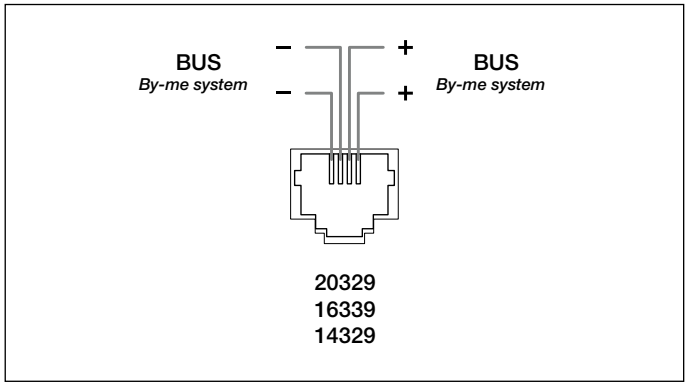
CONFORMITY
EMC directive.
Standards EN 55022, EN 55024.

Microsoft, Vista and Media Center are registered trademarks of Microsoft Corporation in the United States of America and other countries.



20329, 16339, 14329 – Special RJ11 socket for the Bus.

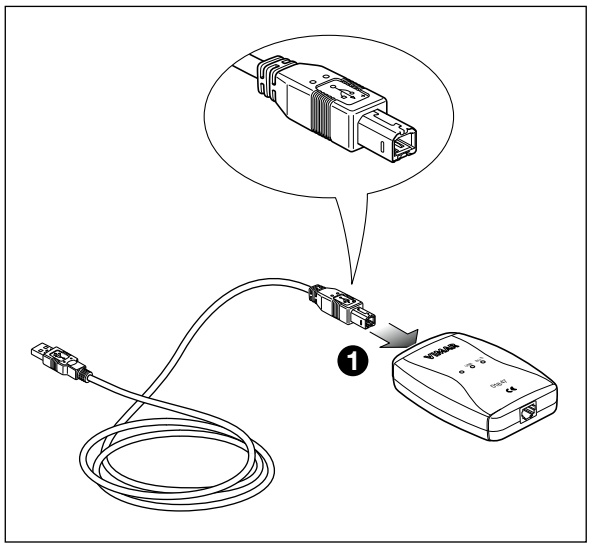
CHARACTERISTICS
• 6 positions, 4 contacts;
• connection using screw terminals.

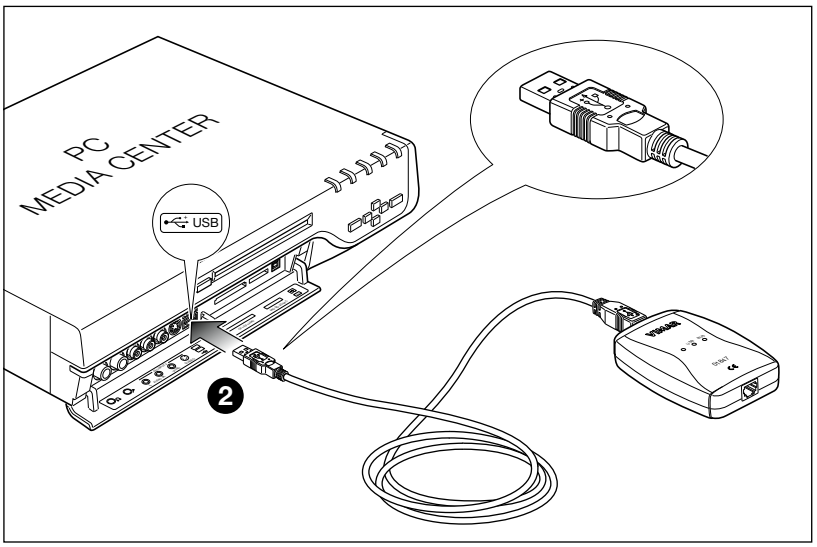


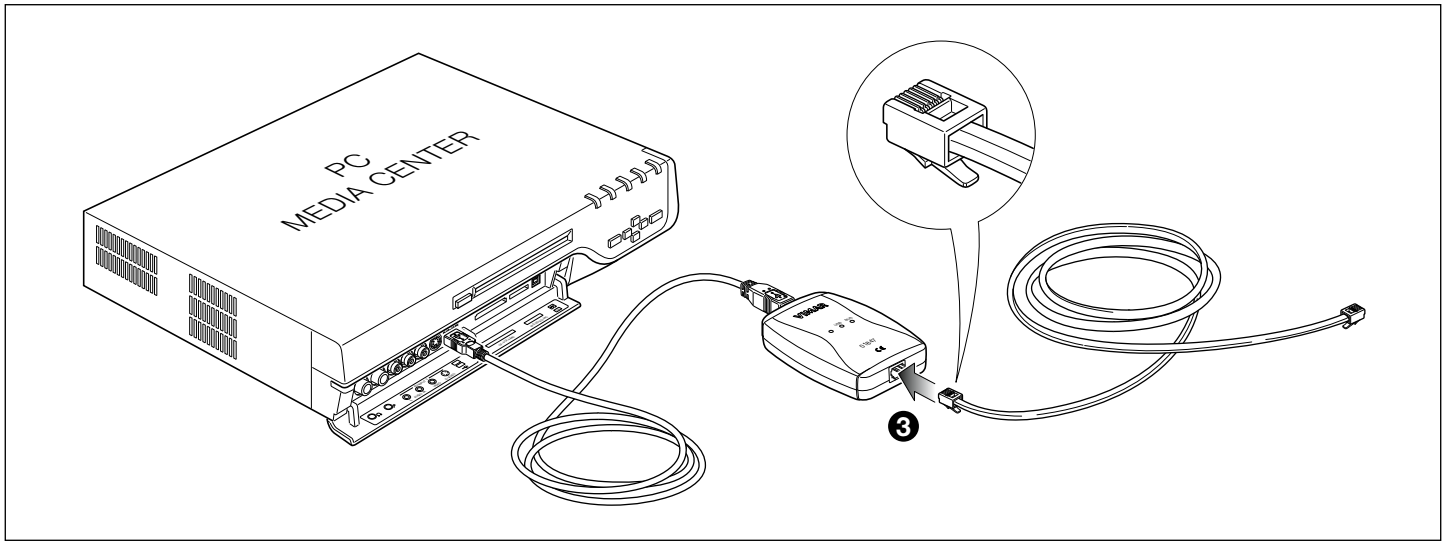
VIMAR
Viale Vicenza, 14 - I 36063 Marostica VI
Tel. +39 0424 488 600 - Fax (Export) +39 0424 488 709
www.vimar.eu

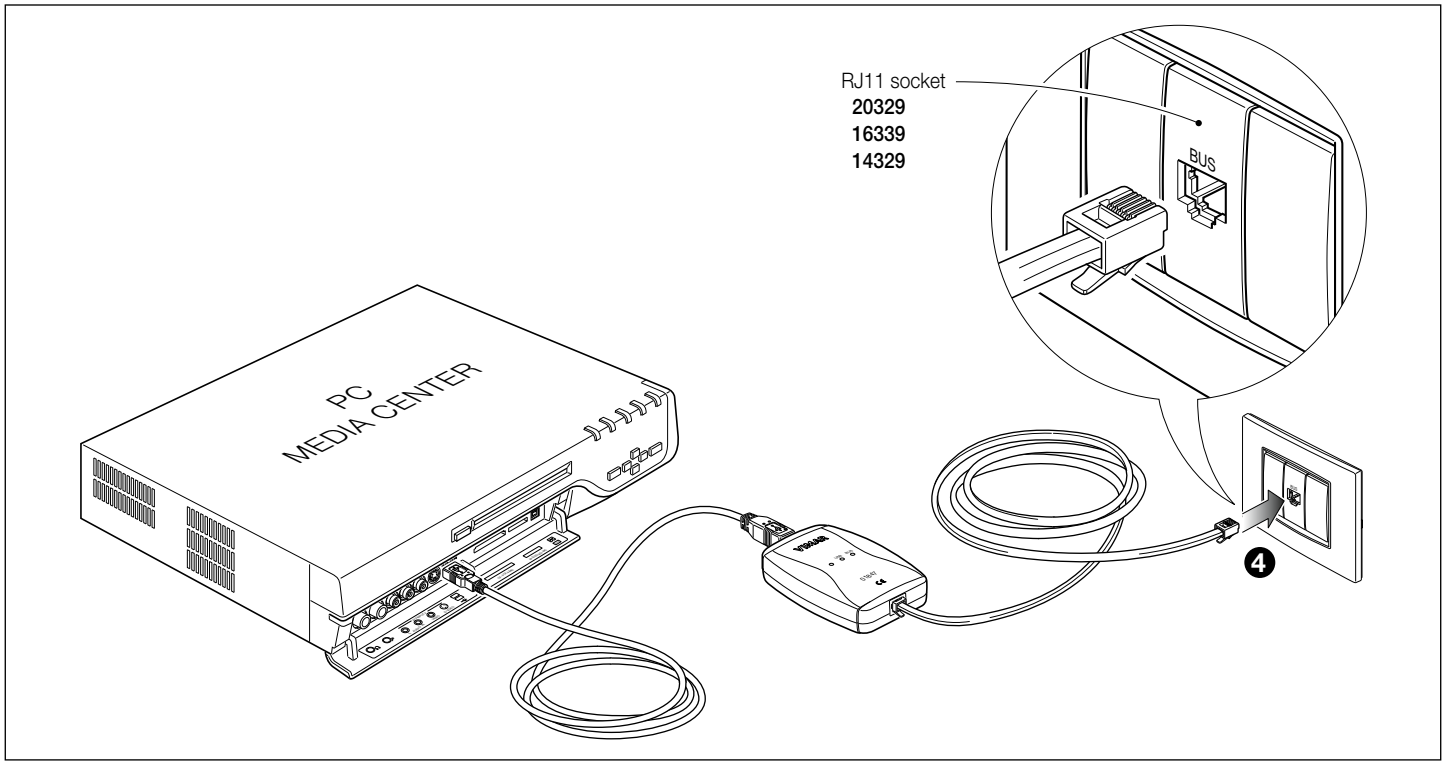
49400074A1 01 0909
VIMAR - Marostica - Italy

Connection of the By-me system with the Media Center computer via USB through interface 01847.



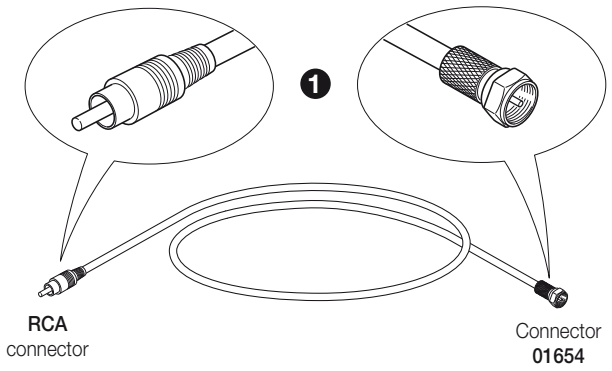




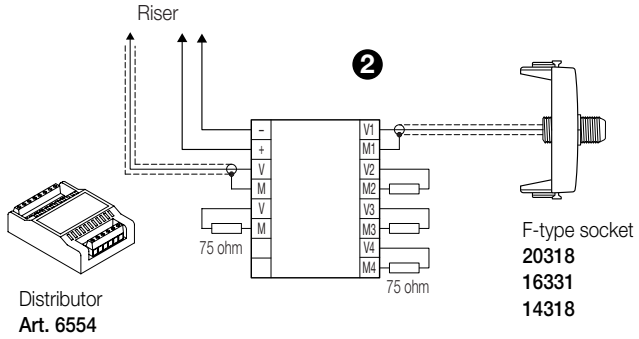


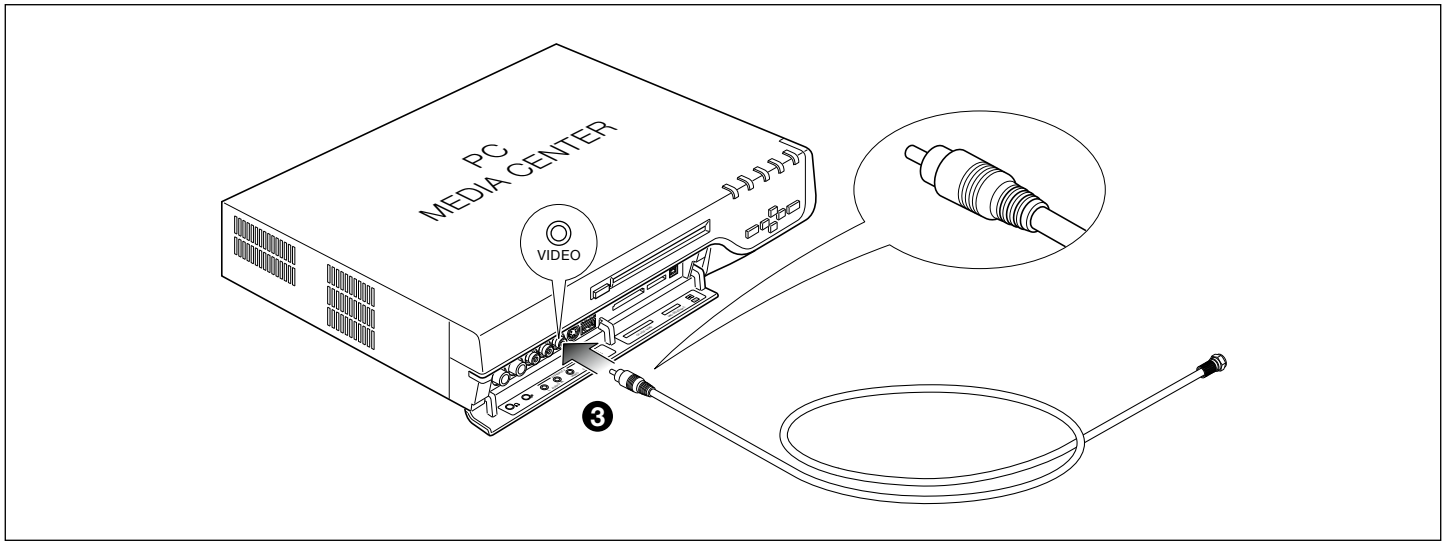
Connection of the Sound System and DigiBus video door entry systems with the Media Center computer.

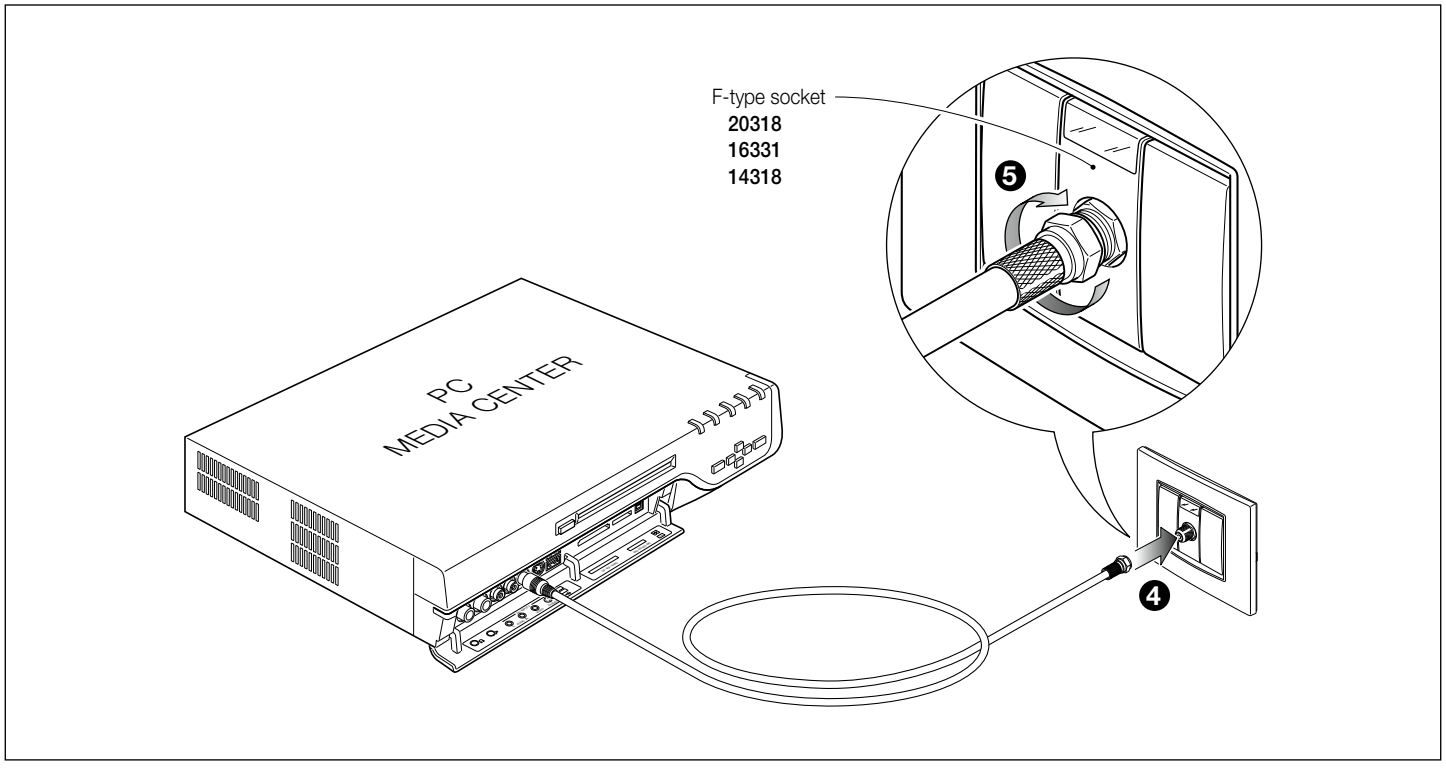
Coaxial cable wiring with F-type connector (Art. 01654) and RCA connector



Branch of the video signal from the Elvox distributor to the F-type socket







Quick guide for correctly installing the application for running the By-me system with Microsoft Media Center®.

The aim of this guide is to give the installer step-by-step instructions and the necessary precautions for correctly installing the program that manages the functions of the By-me system via Microsoft Media Center®.

Minimum requirements.

To install and activate the program it is necessary to have the following:

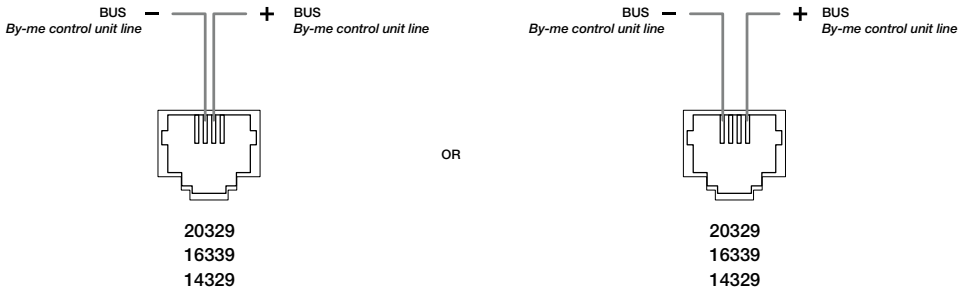
- Art. 01997.2 - Software for interfacing the By-me system with Microsoft Media Center® for Windows Vista®, complete with interface for connecting the BUS, from special RJ11 socket, to a computer via USB
- Art. 01998.S - Interface for managing/programming devices from a computer complete with cd with EasyTool software ver. 3.0 or later.
- Art. 20329 (or 16339 or 14329) - Special RJ11 socket for the BUS.
- PC equipped with Windows Vista® operating system with Media Center® functionality and USB port; if you want to use the functions offered by the Sound System, DigiBus and 2-Wire systems, the computer must have a video card with RCA input.
- System in which one or more By-me recess-mounting control panels are installed (art. 20550 + art. 01960) or surface-mounting panels (art. 01950 or 01951 or 01952 or 01956 or 01958) equipped with firmware release 2.0 or later; if you have a control panel with a release prior to 2.0, update it with the EasyTool software.
- Package Code inside the packing of art. 01997.2, necessary to obtain the activation code after recording the data of the installer and end user (for the details see Point 7 of this guide).

Point 1.

Once the By-me system has been configured, set the special RJ11 socket for the BUS near to the position where the computer with Media Center® functionality will be connected and connect it to the same line to which the control panel is connected; if there is also an intrusion detection alarm system, the RJ11 socket must be connected to **Line 00** (**Area 0** - **Line 0**).

Point 2.

The RJ11 socket is equipped with 4 "+" and "-" contacts of which only two need to be connected to the bus; or rather:



20329
16339
14329

20329
16339
14329

Point 3.

If there is the Elvox Sound System or DigiBus video door entry system and you want to manage it via the Media Center® application, you need to have the following devices:

- Art. 20318 (or 16331 or 14318) - Coaxial socket with F-type female connector for transmitting the video signal.
- F-RCA cable for connection to the Media Center computer (for wiring the cable it is possible to use the F-type coaxial connector art. 01654).

If there is the Vimar by Elvox 2-Wire video door entry system and you want to manage it via the Media Center® application, you need to have the following devices:

- Art. 01996 - Interface for connecting the Vimar by Elvox 2-Wire video door entry system to the PC with Microsoft Media Center®.
- Art. 20320 (or 16335 or 14320) - RJ11 socket 6/4.

Note: The RJ11 socket is equipped with 4 contacts of which only two need to be connected to the bus (not polarized) of the 2-Wire system; for all the details, see the installation sheet supplied with art. 01996.

Important:

To manage the above-mentioned video door entry system functions via the Media Center ® program, assign the video door entry unit **GroupAdress** the value 0xFFFF. This configuration must be made on the control panel by selecting "Video door entry unit" and following the menu:

Setup ➡ Adress Activation Group

With the "Activation Group Address" box you assign the above value to the GroupAdress.

Point 4.

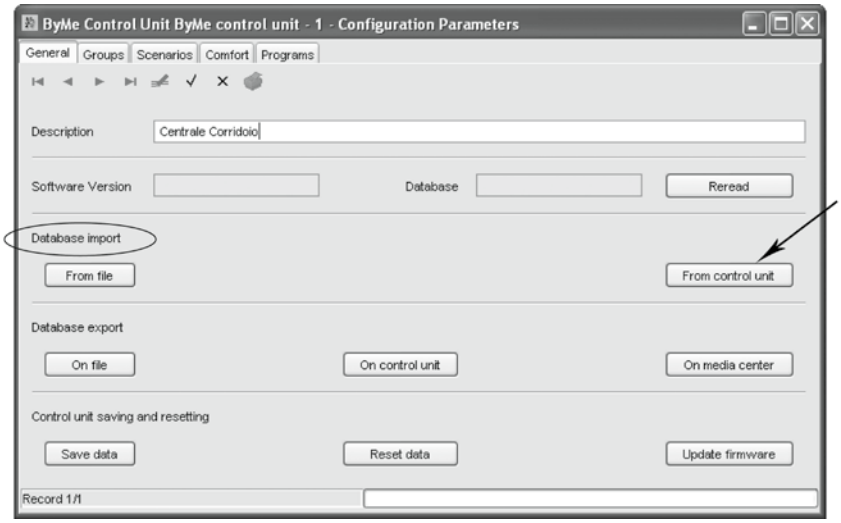
Using the special BUS socket connect the interface 01847 to the By-me system; then, via the USB cable, connect it to the PC and do the configuration on the control panel via the menu:

Setup ➡ Configuration ➡ USB Interface Control ➡ Configuration

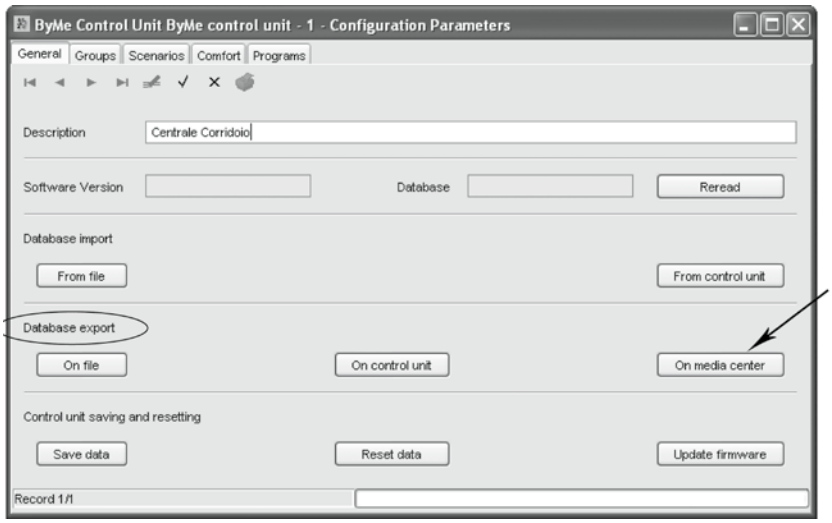
For all the details see paragraph 4.4.14, "USB 01847 interface management", in the Automation section of the home automation control panel manual.

Point 5.

On the installer's PC, via interface 01998.S, import the system database from the By-me control panel (whose firmware, when necessary, has previously been updated to release 2.0 or later).



After completing this operation you can save the database to a file (system back-up) and/or export it directly for creating the file, in format .xml, for the Media Center® program.



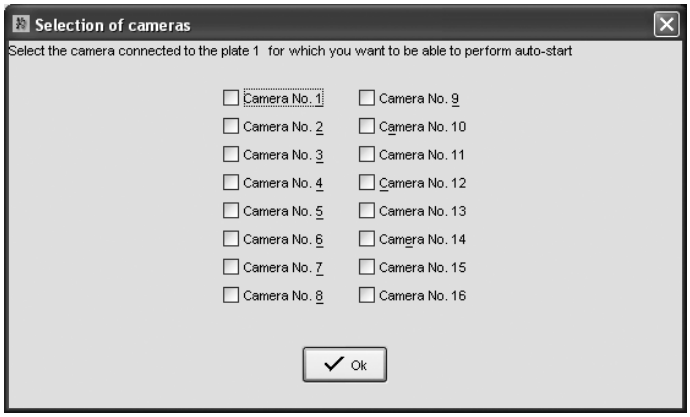
At the end of the operation, when the system database has been imported to the PC, exit the EasyTool software and disconnect interface 01998.S.

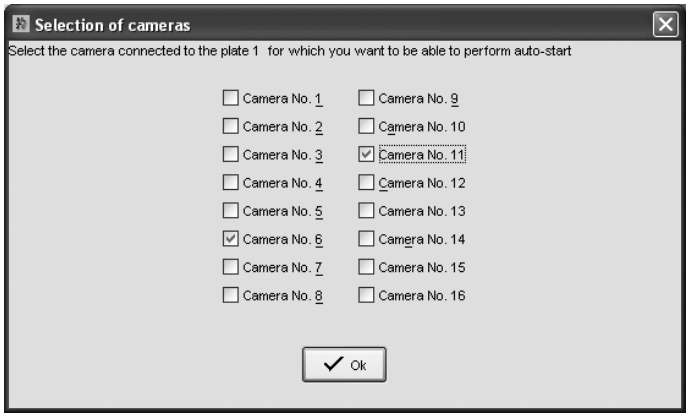
Warning: Before proceeding to import the database, the EasyTool software will ask you to enter the Administrator password for the By-me control panel in a specific box; for all the details related to the operations performed on the control panel, see chap. 4 "General Folder" of the EasyTool software manual.

N.B.: The operations illustrated in this Point 5 can obviously also be carried out on systems composed of a number of By-me control panels.

Point 6.

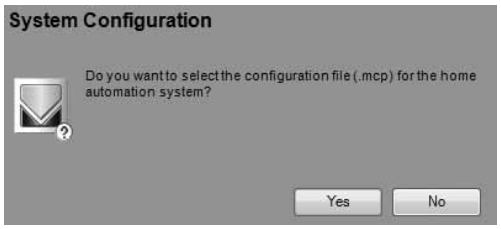
During the phase of creating the file for the Media Center® program, a box might open asking you to select which video cameras of a particular entrance panel you want to control via Media Center®. This occurs when a control panel in the system is connected to the 2-Wire video door entry system and user permissions have been defined for the video cameras and, especially, when the permissions table contains one or more entrance panels for which the video camera id has been set to 0 (meaning for all the video cameras connected to the specified entrance panel).





Point 7.

Attention is now focused on the PC with the Media Center® functionality.
Install the application following the instructions given in the installer's manual supplied on the CD accompanying art. 01997.2; during installation, when the box appears:



select "**No**".

Point 8.

When you reach the box for recording the data of the installer and end user, follow the instructions given in par. 8.2.1 of the installer's manual for the Media Center® application, taking care to note down the Activation Code obtained.
Besides this procedure, the Activation Code can also be obtained:
- via any PC with an internet connection, by going to the website www.vimar.eu in the Software -> Software section of the -> Media Center product and, in the specific box, entering the data (installer and customer) and the package code.

Point 9.

Restart the system (recommended).

Point 10.

Start up the "Vimar Media Center® Configuration" program (MCConfig); this, starting with the file in format .xml generated with EasyTool (see Point 5), will allow creating the file for managing the By-me system via the Microsoft Media Center® functions.

After displaying the main window of the "Vimar Media Center® Configuration" program, load the file in format .xml selecting **File ➞ New Project** and follow the procedures given in the installer's manual of the Media Center® application; lastly save the file obtained in C:/inetpub/wwwroot/mcapp/config with the name MCProject.mcp.

Point 11.

In all the 01845 line couplers in the system, enable the messages from the groups (functions) that you want to control with the Media Center® program via the control panel menu:

Setup ➞ Configuration ➞ Router Control ➞ Router Control

For all the details see paragraph 4.4.12, "Router Management", in the Automation section of the home automation control panel manual.

Point 12.

Restart the system.

First start-up of the Vimar Media Center® program

- Start up the Vimar Media Center® program
- From the By-me control panel, carry out the operation of authentication of interface 01847 via the menu:

  Setup ➞ Configuration ➞ USB Interface Control ➞ USB Interface Autentication

  For all the details see paragraph 4.4.14, "USB 01847 interface management", in the Automation section of the home automation control panel manual.

  At the end of this procedure, the control panel displays a message related to the outcome of the operation while the Media Center® program provides no relevant information.
- Setting the password: it is set by the end user and allows solely managing the intrusion detection alarm system via the Media Center® program; this password **is not and must not be** the Administrator password set on the By-me control panel.

  For the details see page 23 of the user manual supplied with art. 01997.2.

N.B.: If, while having correctly performed all the operations for configuration and authentication, the program fails to acknowledge the interface 01847, restart the PC.

Microsoft, Vista and Media Center are registered trademarks of Microsoft Corporation in the United States of America and other countries.